

EM. STOP MUSHROOM PUSHBUTTON, 22MM, ROUND, PLASTIC, RED, 40MM, WITH RONIS LOCK, LOCK NO. SB30, POSITIVE LATCHING, KEY-OPERATED RELEASE



Figure similar

Product brand name	SIRIUS ACT
Product designation	EMERGENCY STOP mushroom pushbuttons
Product type designation	3SU1

Enclosure	
Number of command points	1

Actuator	
Design of the operating mechanism	Emergency stop mushroom pushbutton, tamper-proof
Manner of function of the actuating element	Latching
Product extension optional Light source	No
Color	
• of the actuating element	Red
Material of the actuating element	plastic
Shape of the actuating element	round
Outer diameter of the actuating element	40 mm
Type of unlocking device	Unlocking
Number of switching positions	2
Switch position for key distraction	O

Lock make	RONIS
Key number	SB30
<b>Front ring</b>	
Product component front ring	No
<b>General technical data</b>	
<b>Product function</b>	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>Degree of protection NEMA rating</b>	NEMA 1, 2, 3, 3R, 4, 4X, 12
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Operating frequency maximum</b>	600 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	300 000
<b>Equipment marking</b>	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
<b>Safety related data</b>	
<b>B10 value</b>	
• with high demand rate acc. to SN 31920	100 000
<b>Proportion of dangerous failures</b>	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
<b>Failure rate [FIT]</b>	
• with low demand rate acc. to SN 31920	100 FIT
<b>T1 value for proof test interval or service life acc. to IEC 61508</b>	20 y
<b>Ambient conditions</b>	
<b>Ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)
<b>Installation/ mounting/ dimensions</b>	
<b>Shape of the installation opening</b>	round

Mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
Mounting height	67.1 mm
Installation width	40 mm
Installation depth	26.3 mm

### Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CSA	 UL	 VDE
 EAC	 EG-Konf.	<a href="#">Declaration of the Compliance with the order</a>

Test Certificates	other
<a href="#">Special Test Certificate</a>	<a href="#">Confirmation</a>

### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-1HF20-0AA0>

**Cax online generator**

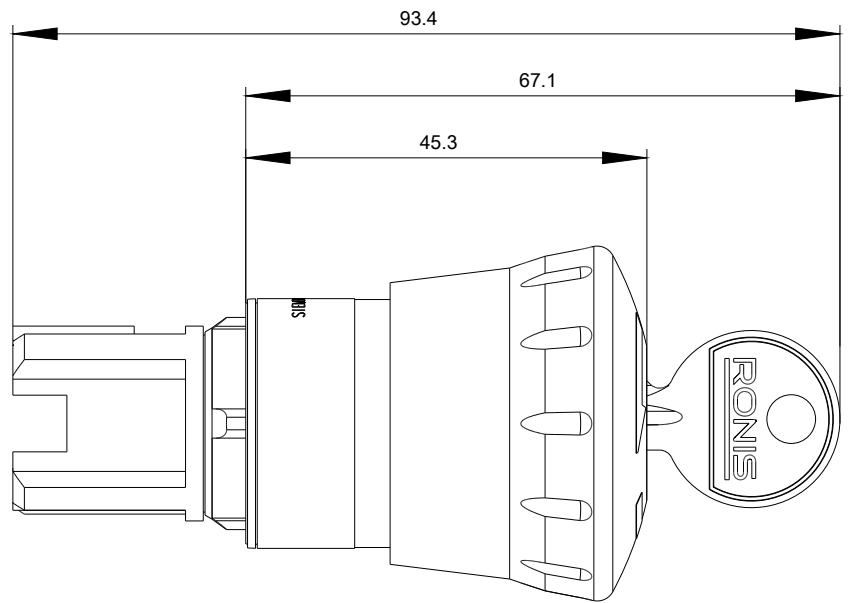
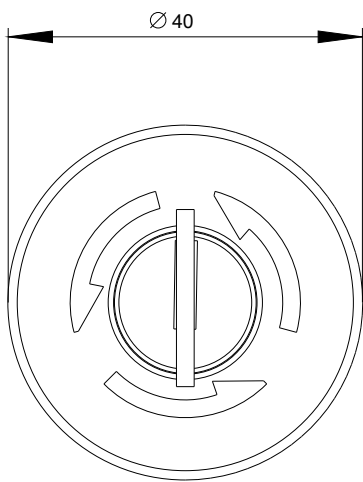
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-1HF20-0AA0>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1HF20-0AA0>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1000-1HF20-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1HF20-0AA0&lang=en)



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